

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	187	(optic\$4 with (encod\$ or cod\$4)) same (filter\$4 with (vary\$4 or varia\$4 or grade\$3 or gradi\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/06 11:37
L4	3110	(encod\$ or cod\$4) with filter\$4 with (passband\$2 or bandpass\$2 or (band\$2 near3 pass\$2))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/06 11:44
L5	37	((encod\$ or cod\$4) with filter\$4 with (passband\$2 or bandpass\$2 or (band\$2 near3 pass\$2))) and spectrom\$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/06 11:45
L6	375	((encod\$ or cod\$4) with filter\$4 with (passband\$2 or bandpass\$2 or (band\$2 near3 pass\$2))).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/06 11:44
L7	15	(((encod\$ or cod\$4) with filter\$4) and spectrom\$).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/06 11:46
S1	11348	((356/418) or (356/310) or (356/328) or (356/326) or (356/330) or (356/51) or (356/416) or (356/417) or (356/311) or (356/317) or (356/318) or (250/339.07) or (250/339.08) or (250/339.09) or (250/574) or (250/228) or (385/12) or (385/31) or (385/39)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/26 12:59
S2	6	S1 and spectromet\$ and (optic\$4 with encod\$ with frequenc\$) and filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/26 13:04
S3	152	S1 and spectromet\$ and encod\$ and filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/26 17:50
S4	191	S1 and spectromet\$ and cod\$4 and filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/26 16:25
S5	53	S1 and spectromet\$ and hadamard and filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/26 16:25

## EAST Search History

S6	10	S1 and (spectromet\$ or spectroscop\$) and ((cod\$4 or encod\$) with (mask\$4 or plat\$3)) and filter\$4 and (integrat\$ with (spher\$ or shell))	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/26 18:12
S7	24	S1 and (spectromet\$ or spectroscop\$) and (hadamard or fourier) and filter\$4 and (integrat\$ with (spher\$ or shell))	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 10:26
S8	24	S1 and (spectromet\$ or spectroscop\$) and ((vari\$5 or vary\$3) with filter\$4) and (integrat\$ with (spher\$ or shell))	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/26 19:41
S9	416	S1 and (spectromet\$ or spectroscop\$) and ((vari\$5 or vary\$3) with filter\$4)	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/26 19:41
S10	117	S9 and (encod\$ or cod\$4)	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/26 19:41
S11	93	(spectromet\$ or spectroscop\$) and (hadamard or fourier) and ((vari\$5 or vary\$3) with filter\$4) and (integrat\$ with (spher\$ or shell or chamber))	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 10:54
S12	41	(spectromet\$ or spectroscop\$) and (hadamard or fourier) and ((interfer\$ or dielectric\$) with filter\$4) and (integrat\$ with (spher\$ or shell or chamber))	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 11:05
S13	196	(spectromet\$ or spectroscop\$) and (hadamard or fourier or transform\$4) and ((bandpass\$4 or band?pass\$4 or (band near3 pass\$4) or reflect\$) with filter\$4) and (integrat\$ with (spher\$ or shell or chamber))	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 11:55
S14	177	(spectromet\$ or spectroscop\$) and (hadamard or fourier or transform\$4 or encod\$ or cod\$4) and ((vari\$5 or vary\$3 or grad\$5 or linear\$3) with filter\$4) and (integrat\$ with (spher\$ or shell or chamber))	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 12:21
S15	338	((hadamard or fourier or transform\$4 or encod\$ or cod\$4) same (light or source or wavelength or frequenc\$3)) and ((vari\$5 or vary\$3 or grad\$5 or linear\$3) with filter\$4) and (integrat\$ with (spher\$ or shell or chamber))	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 13:13

## EAST Search History

S16	267	((hadamard or fourier or transform\$4 or encod\$ or cod\$4) same (light or source or wavelength or frequenc\$3 or mask\$4)) and (((vari\$5 or vary\$3 or grad\$5 or linear\$3 or bandpass\$4 or band?pass\$4 or (band near3 pass\$4) or interfer\$) with filter\$4) same (transmi\$ or reflect\$)) and (integrat\$ with (spher\$ or shell or chamber))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 13:34
S17	275444	spectro\$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 13:34
S18	37008	S17 and ((hadamard or fourier or transform\$4 or encod\$ or cod\$4) same (light or source or wavelength or frequenc\$3 or mask\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 19:07
S19	22800	S17 and ((hadamard or fourier or transform\$4 or encod\$ or cod\$4) with (light or source or wavelength or frequenc\$3 or mask\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 13:36
S20	2181	S19 and (filter\$3 with (transmi\$ or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 18:11
S21	544	S17 and (optic\$4 with (hadamard or fourier or transform\$4 or encod\$ or cod\$4) with (light or source or wavelength or frequenc\$3 or mask\$4)) and (filter\$3 with (transmi\$ or reflect\$))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 13:36
S22	52	S21 and (integrat\$ with (spher\$ or shell or chamber))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 13:55
S23	378	S21 and (source or light or laser or lamp) and detect\$ and (sample or specimen)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 13:57
S24	186	S21 and (source or light or laser or lamp) and detect\$ and (sample or specimen or med\$2) and (bandpass or band?pass or (band near3 pass))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 14:00
S25	2	("4193691").PN	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2005/09/27 17:03

## EAST Search History

S26	273	S19 and (regress\$ with coefficient\$)	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 18:11
S27	192	S19 and (regress\$ near4 coefficient\$)	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 18:11
S28	72	S27 and (filter\$3 with (transmi\$ or reflect\$))	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 18:12
S29	5	S17 and ((hadamard or fourier or transform\$4 or encod\$ or cod\$4) same (light or source or wavelength or frequenc\$3 or mask\$4)) and ((regress\$ with coefficient\$) same (filter with (transmi\$ or reflect\$)))	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 20:10
S30	3	(spectro\$ and filter and (encod\$ or cod\$4) and (integrat\$ with (spher\$ or cavit\$3 or shell or chamber))).clm.	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 20:14
S31	1	(spectro\$ and filter and (encod\$ or cod\$4) and (regress\$ with coefficient\$)).clm.	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2005/09/27 20:14
S32	11736	((356/418) or (356/310) or (356/328) or (356/326) or (356/330) or (356/51) or (356/416) or (356/417) or (356/311) or (356/317) or (356/318) or (250/339.07) or (250/339.08) or (250/339.09) or (250/574) or (250/228) or (385/12) or (385/31) or (385/39)).CCLS.	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/21 14:42
S33	7	S32 and spectromet\$ and (optic\$4 with encod\$ with frequenc\$) and filter\$4	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 14:42
S34	165	S32 and spectromet\$ and encod\$ and filter\$4	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 14:42
S35	209	S32 and spectromet\$ and cod\$4 and filter\$4	US-PPGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 14:42

## EAST Search History

S36	60	S32 and spectromet\$ and hadamard and filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 14:42
S37	10	S32 and (spectromet\$ or spectroscop\$) and ((cod\$4 or encod\$) with (mask\$4 or plat\$3)) and filter\$4 and (integrat\$ with (spher\$ or shell))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 14:42
S38	24	S32 and (spectromet\$ or spectroscop\$) and ((vari\$5 or vary\$3) with filter\$4) and (integrat\$ with (spher\$ or shell))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 14:42
S39	25	S32 and (spectromet\$ or spectroscop\$) and (hadamard or fourier) and filter\$4 and (integrat\$ with (spher\$ or shell))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 14:42
S40	446	S32 and (spectromet\$ or spectroscop\$) and ((vari\$5 or vary\$3) with filter\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 14:42
S41	127	S40 and (encod\$ or cod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 17:08
S42	106	S32 and ((encod\$ or cod\$4) same spectromet\$) and filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 18:18
S43	11736	((356/418) or (356/310) or (356/328) or (356/326) or (356/330) or (356/51) or (356/416) or (356/417) or (356/311) or (356/317) or (356/318) or (250/339.07) or (250/339.08) or (250/339.09) or (250/574) or (250/228) or (385/12) or (385/31) or (385/39)).CL.S.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/02/21 17:50
S44	18	S43 and ((encod\$ or cod\$4) with filter\$4) and spectrom\$ and integrat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 17:53
S45	46	S43 and ((encod\$ or cod\$4) with filter\$4) and spectrom\$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 17:53

## EAST Search History

S46	626	((encod\$ or cod\$4) with filter\$4) and spectrom\$	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 17:53
S47	402	S46 and integrat\$	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 17:53
S48	1231	((encod\$ or cod\$4) same spectromet\$) and filter\$4 and integrat\$	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 18:19
S49	220	((encod\$ or cod\$4) with spectromet\$) and filter\$4 and integrat\$ and wavelength\$2	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 18:19
S50	3	(spectro\$ and filter and (encod\$ or cod\$4) and (integrat\$ with (spher\$ or cavit\$3 or shell or chamber))).clm.	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 19:52
S51	1	(spectro\$ and filter and (encod\$ or cod\$4) and (regress\$ with coefficient\$)).clm.	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 19:07
S52	73	(spectrom\$ and filter\$4 and (encod\$ or cod\$4)).clm.	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/21 19:53
S53	12066	((356/418) or (356/310) or (356/328) or (356/326) or (356/330) or (356/51) or (356/416) or (356/417) or (356/311) or (356/317) or (356/318) or (250/339.07) or (250/339.08) or (250/339.09) or (250/574) or (250/228) or (385/12) or (385/31) or (385/39)).CLS	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/06/05 17:07
S54	8	S53 and spectromet\$ and (optic\$4 with encod\$ with frequenc\$) and filter\$4	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 17:07
S55	64	S53 and spectromet\$ and hadamard and filter\$4	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 17:07

## EAST Search History

S56	172	S53 and spectromet\$ and encod\$ and filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 17:08
S57	464	S53 and (spectromet\$ or spectroscop\$) and ((vari\$5 or vary\$3) with filter\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 17:08
S58	10	S53 and (spectromet\$ or spectroscop\$) and ((cod\$4 or encod\$) with (mask\$4 or plat\$3)) and filter\$4 and (integrat\$ with (spher\$ or shell))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 17:08
S59	219	S53 and spectromet\$ and cod\$4 and filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 17:08
S60	24	S53 and (spectromet\$ or spectroscop\$) and ((vari\$5 or vary\$3) with filter\$4) and (integrat\$ with (spher\$ or shell))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 17:08
S61	26	S53 and (spectromet\$ or spectroscop\$) and (hadamard or fourier) and filter\$4 and (integrat\$ with (spher\$ or shell))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 17:08
S62	130	S57 and (encod\$ or cod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 17:08
S63	111	S53 and ((encod\$ or cod\$4) same spectromet\$) and filter\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 17:08
S64	12066	((356/418) or (356/310) or (356/328) or (356/326) or (356/330) or (356/51) or (356/416) or (356/417) or (356/311) or (356/317) or (356/318) or (250/339.07) or (250/339.08) or (250/339.09) or (250/574) or (250/228) or (385/12) or (385/31) or (385/39)).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	OFF	2006/06/05 17:08
S65	19	S64 and ((encod\$ or cod\$4) with filter\$4) and spectromet\$ and integrat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 19:56

## EAST Search History

S66	47	S64 and ((encod\$ or cod\$4) with filter\$4) and spectrom\$	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 17:10
S67	31	("3563654"   "3578980"   "3586442"   "3639062"   "3640625"   "3922092"   "4007989"   "4264205"   "4304491"   "4448529"   "4450459"   "5024508"   "5090807"   "5121239"   "5235461"   "5325324"   "5483335"   "5485268"   "5504575"   "5537303"   "5579105"   "5592327"   "5691886"   "5748308"   "5991460"   "6011640"   "6018402"   "6101034"   "6271917"   "6388794").PN.	US_PGPUB; USPAT; USOCR	OR	ON	2006/06/05 18:50
S68	31	("3563654"   "3578980"   "3586442"   "3639062"   "3640625"   "3922092"   "4007989"   "4264205"   "4304491"   "4448529"   "4450459"   "5024508"   "5090807"   "5121239"   "5235461"   "5325324"   "5483335"   "5485268"   "5504575"   "5537303"   "5579105"   "5592327"   "5691886"   "5748308"   "5991460"   "6011640"   "6018402"   "6101034"   "6271917"   "6388794").PN.	US_PGPUB; USPAT; USOCR	OR	ON	2006/06/05 19:30
S69	71	S64 and ((encod\$ or cod\$4) same filter\$4) and spectrom\$ and detect\$ and source	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 20:17
S70	20	S64 and ((encod\$ or cod\$4) same filter\$4 same (vary\$4 or varia\$4)) and spectrom\$	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 20:19
S71	39	S64 and ((encod\$ or cod\$4) same filter\$4 same (vary\$4 or varia\$4))	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 20:24
S72	81	(optic\$4 same (encod\$ or cod\$4) same filter\$4 same (vary\$4 or varia\$4)) and spectrom\$	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 20:35
S73	706	(optic\$4 same (encod\$ or cod\$4) same filter\$4 same (vary\$4 or varia\$4))	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/06 09:52
S74	32	S73 and hadamard	US_PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/06/05 20:36